

## ABSTRACT OF THE DISCLOSURE

The disclosure relates to a plastic jacket having air spaces formed by a core and a cover used to insulate hot and cold piping systems and the fittings for those systems. The jacket is made by providing a core that has portions that extends away from the element and a cover surrounding the core. The insulation value of the jacket is created by the air spaces created by the jacket. The plastic of the cover alone or the cover and core can be transparent or translucent so that the condition of the piping element and the jacketed space can be checked without removing the jacket.